

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(us-20050091062-\$)	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 16:15
S2	4	("6185527" "6434520").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 08:17
S3	0	S2 and finger	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 16:24
S4	776	audio with fingerprint\$6	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 08:23
S5	11759	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/05/29 08:23
S6	14	S4 and S5	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 08:26
S7	141	duplicate and detection and audio and fingerprinting	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 08:26
S8	15	duplicate and detection and audio and fingerprinting and thumbnails	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 09:36
S9	0	(us-200360514490-\$)	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 08:28
S12	2	(US-6505160-\$ or US-6990453-\$). did.	USPAT	OR	OFF	2007/05/29 09:31
S13	1	S12 and similarit\$5	USPAT	OR	OFF	2007/05/29 09:31
S14	2	S12 and (similarit\$5 or resembl\$6 or common or associate\$3 or harmon\$6 or relation\$5 or parallel or comparabilit\$5)	USPAT	OR	ON	2007/05/29 09:36
S16	2	S12 and (similarit\$5 or resembl\$6 or common or associate\$3 or harmon\$6 or relation\$5 or parallel or comparabilit\$5) and (audio with (fingerprint\$6 or finger\$2print\$6))	USPAT	OR	ON	2007/05/29 09:37

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S17	2	S12 and (similarit\$5 or resembl\$6 or common or associate\$3 or harmon\$6 or relation\$5 or parallel or comparabilit\$5) and (audio with (fingerprint\$6 or finger\$2print\$6)) and (fingerprint\$6 or finger\$2print\$6)	USPAT	OR	ON	2007/05/29 09:43
S18	2	S12 and (similarit\$5 or resembl\$6 or common or associate\$3 or harmon\$6 or relation\$5 or parallel or comparabilit\$5) and audio and (fingerprint\$6 or finger\$2print\$6) and frame\$2 and detect\$6	USPAT	OR	ON	2007/05/29 09:45
S19	1006	(similarit\$5 or resembl\$6 or common or associate\$3 or harmon\$6 or relation\$5 or parallel or comparabilit\$5) and audio and (fingerprint\$6 or finger\$2print\$6) and frame\$2 and detect\$6	USPAT	OR	ON	2007/05/29 09:55
S20	47	S19 and S5	USPAT	OR	ON	2007/05/29 09:45
S21	57	S19 and heuristic	USPAT	OR	ON	2007/05/29 15:29
S22	66	(similarit\$5 or resembl\$6 or common or associate\$3 or harmon\$6 or relation\$5 or parallel or comparabilit\$5) and audio and (fingerprint\$6 or finger\$2print\$6) and frame\$2 and detect\$6 and thumbnail\$4	USPAT	OR	ON	2007/05/29 09:58
S23	1	S22 and heuristic	USPAT	OR	ON	2007/05/29 09:57
S24	256013	(similarit\$5 or resembl\$6 or common or associate\$3 or harmon\$6 or relation\$5 or parallel or comparabilit\$5) with (watermark\$3 or fingerprint\$3 or identif\$9 or characteristic\$2 or trait\$2)	USPAT	OR	ON	2007/05/29 10:01
S25	2902	S24 and S5	USPAT	OR	ON	2007/05/29 10:01
S26	8093	audio with frame\$2	USPAT	OR	ON	2007/05/29 10:02
S27	227	S25 and S26	USPAT	OR	ON	2007/05/29 10:12
S29	13813	thumbnail\$5	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 10:09
S30	5	S27 and S29	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 10:11

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S32	136	S27 and (spectral or spectrum) and frequenc\$6	USPAT	OR	ON	2007/05/29 10:14
S33	66	S32 and ((plurality or multiple or several or various or "atleast one" or "atleast two") same frame\$3 same audio)	USPAT	OR	ON	2007/05/29 10:18
S34	5	(US-6505160-\$ or US-6990453-\$ or US-5313556-\$ or US-4241329-\$ or US-4567606-\$).did.	USPAT	OR	OFF	2007/05/29 11:53
S35	3	S34 and fingerprint\$4	USPAT	OR	ON	2007/05/29 11:53
S36	1006	(similarit\$5 or resembl\$6 or common or associat\$3 or harmon\$6 or relation\$5 or parallel or comparabilit\$5) and audio and (fingerprint\$6 or finger\$2print\$6) and frame\$2 and detect\$6	USPAT	OR	ON	2007/05/29 15:29
S37	57	S36 and heuristic	USPAT	OR	ON	2007/05/29 15:29
S38	57	S37 and fingerprint\$4	USPAT	OR	ON	2007/05/29 15:30
S39	9	S37 and (fingerprint\$4 with audio)	USPAT	OR	ON	2007/05/29 15:38
S40	9	S39 and (heuristic or feedback)	USPAT	OR	ON	2007/05/29 15:46
S41	43	audio adj fingerprint\$5	USPAT	OR	ON	2007/05/29 15:52
S42	27	S41 and frame\$3	USPAT	OR	ON	2007/05/29 16:04
S43	14	S41 and frame\$5 and chorus	USPAT	OR	ON	2007/05/29 16:04
S44	4	("6185527" "6434520").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 16:24
S45	0	S44 and finger\$9	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/29 16:25
S46	1	chorus same instrument\$5 same fingerprint\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 14:39
S47	3	chorus same instrument\$5 same energy	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 14:45
S48	1	S47 and instrument\$5 and chorus and heuristic	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 14:45


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S49	1	S47 and energy and spectr\$4 and peak	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 14:45
S50	1	S49 and audio	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 15:42
S51	0	energy with spectr\$4 with (alternate or option or other or additional) with "not"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 15:43
S52	998	energy with spectr\$4 with (alternate or option or other or additional)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 15:53
S53	12	S52 and audio and thumbnail	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 15:53
S54	3	S52 and audio and fingerprint	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 15:49
S55	1214	energy with spectr\$4 with (alternate or option or other or additional or not\$1)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 15:53
S56	12	S55 and audio and thumbnail	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 17:44
S57	1308966	sample	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 17:44
S58	320	sample with audio with clip	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 17:45
S59	478	(sampl\$5 or preview) with audio with clip	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 08:06
S60	113	search\$4 with heuristic with (model or module)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 17:46

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S61	0	S59 and S60	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 17:46
S63	359	search\$4 with (heuristic or approximation or feedback or (trial adj error)) with (model or module)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 17:47
S64	0	S59 and S63	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 17:48
S65	1489	search\$4 same (heuristic or approximation or feedback or (trial adj error)) same (model or module)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 08:04
S66	2	S59 and S65	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/30 17:48
S67	479	(sampl\$5 or preview) with audio with clip	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 08:55
S68	240	S67 and frame\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 08:44
S70	11759	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/05/31 08:48
S71	10	S68 and S70	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 08:50
S72	12	S68 and spectral and energy	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 08:50
S73	213	S67 and segment\$7	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 08:56
S74	213	S67 and segment\$7 and audio	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 08:56

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S75	6644	(geometric with mean) with (arithmetic mean)	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 15:23
S76	64	(geometric with mean) with (arithmetic mean) with fingerprint\$2	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 15:24
S78	188		US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 15:25
S79	4	S78 and cluster	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 15:27
S80	21	normaliz\$7 same time\$2 same position\$4 same cluster	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 15:30
S81	14181	normaliz\$7 same equation	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 15:30
S82	16889	normaliz\$7 same equation	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/06/05 15:30
S83	2000	normaliz\$7 same equation same "D"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/06/05 15:31
S84	10	normaliz\$7 same equation same "D" same cluster	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/06/05 15:31
S85	6	probabilit\$4 and renyi and entropy and normaliz\$6	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/06/05 15:44
S86	13	probabilit\$4 and renyi and entropy	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/06/05 15:47
S87	5841	probabilit\$4 and distance and normaliz\$6 and cluster\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/06/05 15:48

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S88	12	probabilit\$4 and distance and normaliz\$6 and cluster\$4 and time and postition	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/06/05 15:48
S89	6077	distance and normaliz\$6 and summation	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 16:02
S90	9700	euclidean	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 16:03
S91	623	S89 and S90	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 16:03
S92	329	S91 and image	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 16:04
S93	4	S91 and image and pythagorean	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/05 16:04
S94	12	(US-20040260682-\$ or US-20040064209-\$ or US-20030086341-\$ or US-20030021472-\$).did. or (US-6990453-\$ or US-6505160-\$ or US-5313556-\$ or US-7013301-\$ or US-4567606-\$ or US-4241329-\$ or US-6963975-\$ or US-6606744-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/06/05 16:09
S95	3	S94 and euclidean	US-PGPUB; USPAT	OR	OFF	2007/06/05 16:12
S96	265	euclidean with distance with cluster	US-PGPUB; USPAT	OR	OFF	2007/06/05 16:12
S97	16	euclidean with distance with cluster with normaliz\$6	US-PGPUB; USPAT	OR	ON	2007/06/05 16:16
S98	30	euclidean with distance with cluster with number	US-PGPUB; USPAT	OR	ON	2007/06/06 07:56
S99	4	(US-20030021472-\$ or US-20030086341-\$).did. or (US-4567606-\$ or US-6963975-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/06/06 09:21
S10 0	465024	"2" and (minim\$7 same maxim\$7)	US-PGPUB; USPAT	OR	OFF	2007/06/06 08:20

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S10 1	0	S99 and (minim\$7 same maxim\$7)	US-PGPUB; USPAT	OR	OFF	2007/06/06 08:21
S10 2	4	S99 and (one or "1") same ("0" or zero)	US-PGPUB; USPAT	OR	OFF	2007/06/06 08:21
S10 3	4	S99 and ((one or "1") same ("0" or zero))	US-PGPUB; USPAT	OR	OFF	2007/06/06 08:21
S10 4	2	S99 and ((average or mean) with spectr\$4)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/06/06 08:32
S10 5	184	offset same scal\$6 same (factor or coefficient or term or constant) same maxim\$6 same minim\$6	US-PGPUB; USPAT	OR	ON	2007/06/06 09:22
S10 6	32	S105 and (mean or average) and (audio or song)	US-PGPUB; USPAT	OR	ON	2007/06/06 09:29
S10 7	7	S105 and (mean or average) and spectr\$5 and cluster\$4	US-PGPUB; USPAT	OR	ON	2007/06/06 09:29
S10 8	1	(US-20030021472-\$.did.	US-PGPUB	OR	OFF	2007/06/06 09:32
S10 9	1	S108 and (constant or variable or scale or factor or coefficient)	US-PGPUB	OR	OFF	2007/06/06 09:47
S11 0	90	(mean or average) with spectr\$4 with (quality or clarity)	US-PGPUB	OR	OFF	2007/06/06 09:48
S11 1	13	S110 and fingerprint\$4	US-PGPUB	OR	OFF	2007/06/06 10:35
S11 2	2	spectr\$4 with (flat\$6 or smooth\$5) with (mean or average) with cluster\$5	US-PGPUB	OR	ON	2007/06/06 10:37
S11 3	244	spectr\$4 with (flat\$6 or smooth\$5) with (mean or average)	US-PGPUB	OR	ON	2007/06/06 10:38
S11 4	1	spectr\$4 with (flat\$6 or smooth\$5) with (mean or average) with fingerprint\$4	US-PGPUB	OR	ON	2007/06/06 10:38
S11 5	3	spectr\$4 with (flat\$6 or smooth\$5) with (mean or average) with best	US-PGPUB	OR	ON	2007/06/06 10:38
S11 6	1	(US-20030088412-\$.did.	US-PGPUB	OR	OFF	2007/06/06 14:36
S11 7	0	S116 and ((energy or flat) with max\$7) and spectr\$6	US-PGPUB	OR	ON	2007/06/06 14:37
S11 8	0	S116 and ((energy or flat) with max\$7)	US-PGPUB	OR	ON	2007/06/06 14:37
S11 9	1	S116 and (energy or flat)	US-PGPUB	OR	ON	2007/06/06 14:38

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S12 0	4	(US-20030021472-\$ or US-20030086341-\$).did. or (US-4567606-\$ or US-6963975-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/06/06 14:38
S12 1	2	S120 and maxi\$10	US-PGPUB; USPAT	OR	OFF	2007/06/06 14:39
S12 2	13	(US-20040260682-\$ or US-20040064209-\$ or US-20030086341-\$ or US-20030021472-\$ or US-20030088412-\$).did. or (US-6990453-\$ or US-6505160-\$ or US-5313556-\$ or US-7013301-\$ or US-4567606-\$ or US-4241329-\$ or US-6963975-\$ or US-6606744-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/06/06 14:45
S12 4	0	S122 and ((longest or greatest) same (duration or length or time or segment) same repeat\$4)	US-PGPUB; USPAT	OR	ON	2007/06/06 14:49
S12 5	10	S122 and ((duration or length or time or segment) same repeat\$4)	US-PGPUB; USPAT	OR	ON	2007/06/06 14:49
S12 6	500	((longest or greatest) same (duration or length or time or segment or section or portion) same repeat\$4) and audio	US-PGPUB; USPAT	OR	ON	2007/06/06 14:52
S12 7	44	((longest or greatest) same (duration or length or time or segment or section or portion) same repeat\$4) same audio	US-PGPUB; USPAT	OR	ON	2007/06/06 14:56
S12 8	1	((longest or greatest) same (duration or length or time or segment or section or portion) same repeat\$4) same audio same cluster	US-PGPUB; USPAT	OR	ON	2007/06/06 14:52
S12 9	35	((longest or greatest) same (duration or length or time or segment or section or portion) same repeat\$3) same audio	US-PGPUB; USPAT	OR	ON	2007/06/06 14:56
S13 0	87	((longest or greatest) same (duration or length or time or segment or section or portion) same repeat\$3) and audio and cluster\$3	US-PGPUB; USPAT	OR	ON	2007/06/06 14:59
S13 1	1	((longest or greatest) near3 (duration or length or time or segment or section or portion) near8 repeat\$3) and audio and cluster\$3	US-PGPUB; USPAT	OR	ON	2007/06/06 14:59

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S13 2	164	((longest or greatest) near3 (duration or length or time or segment or section or portion) near8 repeat\$3)	US-PGPUB; USPAT	OR	ON	2007/06/06 14:59
S13 3	1719619	((longest or greatest) near3 (duration or length or time or segment or section or portion) near8 repeat\$3) near\$8 audio	US-PGPUB; USPAT	OR	ON	2007/06/06 15:00
S13 4	1	((longest or greatest) near3 (duration or length or time or segment or section or portion) near8 repeat\$3) near8 audio	US-PGPUB; USPAT	OR	ON	2007/06/06 15:00
S13 5	1	((longest or greatest) near3 (duration or length or time or segment or section or portion) near8 repeat\$3) same audio	US-PGPUB; USPAT	OR	ON	2007/06/06 15:00
S13 6	19	((longest or greatest) near3 (duration or length or time or segment or section or portion) near8 repeat\$3) and audio	US-PGPUB; USPAT	OR	ON	2007/06/06 15:01
S13 7	3	((longest or greatest) near3 (duration or length or time or segment or section or portion) near8 repeat\$3) and music	US-PGPUB; USPAT	OR	ON	2007/06/06 15:03
S13 8	2	longest near4 (segment or section or portion or part) near4 audio	US-PGPUB; USPAT	OR	ON	2007/06/06 15:44
S13 9	13	(US-20040260682-\$ or US-20040064209-\$ or US-20030086341-\$ or US-20030021472-\$ or US-20030088412-\$).did. or (US-6990453-\$ or US-6505160-\$ or US-5313556-\$ or US-7013301-\$ or US-4567606-\$ or US-4241329-\$ or US-6963975-\$ or US-6606744-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/06/06 15:44
S14 0	6	S139 and (fad\$4 or silen\$5)	US-PGPUB; USPAT	OR	ON	2007/06/06 15:45
S14 1	2	S139 and (fad\$4)	US-PGPUB; USPAT	OR	ON	2007/06/06 16:15
S14 2	40	fading with (begin\$5 or end\$4) with audio	US-PGPUB; USPAT	OR	ON	2007/06/06 16:16
S14 3	2	(US-20030021472-\$ or US-20030086341-\$).did.	US-PGPUB	OR	OFF	2007/06/06 16:48
S14 4	2	S143 and time	US-PGPUB	OR	OFF	2007/06/06 16:58
S14 5	1	S143 and pyramid	US-PGPUB	OR	OFF	2007/06/06 16:58



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S14 6	1	S143 and pyramid	US-PGPUB	OR	ON	2007/06/06 17:00
S14 7	4	two with layer\$4 with log with spectr\$4 with vector\$3	US-PGPUB	OR	ON	2007/06/06 17:02
S14 8	6	two with layer\$4 with log with spectr\$4	US-PGPUB	OR	ON	2007/06/06 17:05
S14 9	8	two with layer\$4 with window with spectr\$4	US-PGPUB	OR	ON	2007/06/06 17:10
S15 0	95	layer\$2 with level\$2 with vector\$2	US-PGPUB	OR	ON	2007/06/06 17:11
S15 1	17	layer\$2 with level\$2 with vector\$2 with (aggregat\$5 or add\$4 or sum\$5 or total\$5)	US-PGPUB	OR	ON	2007/06/06 17:16
S15 2	674	(layer\$2 or level\$2) same window same spectrum	US-PGPUB	OR	ON	2007/06/06 17:19
S15 3	154	S152 and vector\$2	US-PGPUB	OR	ON	2007/06/06 17:18
S15 4	48	S152 and vector\$2 and audio	US-PGPUB	OR	ON	2007/06/06 17:19
S15 5	1075	(layer\$2 or level\$2) same window same spectr\$3	US-PGPUB	OR	ON	2007/06/07 10:42
S15 6	68	S155 and vector\$2 and audio	US-PGPUB	OR	ON	2007/06/06 17:19
S15 7	36	(layer\$2 or level\$2) same window same spectr\$3 same vector	US-PGPUB	OR	ON	2007/06/07 10:48
S15 8	25	(layer\$2 or level\$2) same window same spectr\$3 same vector same (two or second or one)	US-PGPUB	OR	ON	2007/06/07 13:38
S15 9	14	(layer\$2 or level\$2) same window same spectr\$3 same vector same (add\$7 or sum\$7 or calculate\$3 or total\$4)	US-PGPUB	OR	ON	2007/06/07 13:42
S16 0	30729	vector near3 (add\$7 or sum\$7 or calculate\$3 or total\$4)	US-PGPUB	OR	ON	2007/06/07 13:49
S16 1	149782	layer near3 (first or second)	US-PGPUB	OR	ON	2007/06/07 13:43
S16 2	3462	window\$4 with spectr\$3	US-PGPUB	OR	ON	2007/06/07 13:44
S16 3	8	S160 and S161 and S162	US-PGPUB	OR	ON	2007/06/07 13:46
S16 4	96	(audio adj file) near4 layer	US-PGPUB	OR	ON	2007/06/07 13:48
S16 5	39	window with spectr\$3 with vector	US-PGPUB	OR	ON	2007/06/07 13:54

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S16 6	2	S164 and S165	US-PGPUB	OR	ON	2007/06/07 13:48
S16 7	138	(vector near3 (add\$7 or sum\$7 or calculate\$3 or total\$4)) with window	US-PGPUB	OR	ON	2007/06/07 13:50
S16 8	0	S164 and S167	US-PGPUB	OR	ON	2007/06/07 13:50
S16 9	6	temporal with window with (subsequent or following or after or next) with layer	US-PGPUB	OR	ON	2007/06/07 13:55
S17 0	15	(US-20040260682-\$ or US-20040064209-\$ or US-20030086341-\$ or US-20030021472-\$ or US-20030088412-\$ or US-20020062209-\$).did. or (US-6990453-\$ or US-6505160-\$ or US-5313556-\$ or US-7013301-\$ or US-4567606-\$ or US-4241329-\$ or US-6963975-\$ or US-6606744-\$ or US-7047194-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/06/07 13:57
S17 1	2	((audio adj file) near3 layer) same spectr\$3	US-PGPUB; USPAT	OR	ON	2007/06/07 14:11
S17 2	7	((audio adj file) with layer) same spectr\$3	US-PGPUB; USPAT	OR	ON	2007/06/07 14:17
S17 3	510	aggregat\$4 near3 vector\$2	US-PGPUB; USPAT	OR	ON	2007/06/07 15:14
S17 4	104	S173 and audio	US-PGPUB; USPAT	OR	ON	2007/06/07 15:14
S17 5	29	██████████	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/07 16:12
S17 6	3	S175 and fad\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/07 16:12
S17 7	7	(US-20030021472-\$ or US-20030086341-\$ or US-20030088412-\$).did. or (US-6963975-\$ or US-4567606-\$ or US-7047194-\$ or US-5386493-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/06/07 16:19
S17 8	2	S177 and beginning and end	US-PGPUB; USPAT	OR	OFF	2007/06/07 16:19
S17 9	2	S177 and (beginning same end)	US-PGPUB; USPAT	OR	OFF	2007/06/07 16:39

EAST Search History

S18 0	2	S177 and normalization	US-PGPUB; USPAT	OR	ON	2007/06/07 16:40
S18 1	2	(audio adj file) with vector with aggregat\$5 with first with second	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 11:51
S18 3	3547	vector with aggregat\$5	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 11:51
S18 4	121	vector with aggregat\$5 with generat\$5	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 11:54
S18 6	74761		US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 11:53
S18 7	6	S183 and S185	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 11:53
S18 8	598	vector same aggregat\$5 same generat\$5	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 11:56
S18 9	39	vector same aggregat\$5 same generat\$5 same first same second	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 11:55
S19 0	11812	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/06/20 11:56
S19 1	7	S188 and S190	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 14:49
S19 2	118		US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 14:50
S19 3	172704	aggregate	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 15:55
S19 4	5	S192 and S193	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 18:16

EAST Search History

S19 5	305088	aggregat\$5	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 15:55
S19 6	7	S192 and S195	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/06/20 15:55
S19 7	1	("6434520").PN.	USPAT; USOCR	OR	OFF	2007/06/20 18:17
S19 8	1	("6185527").PN.	USPAT; USOCR	OR	OFF	2007/06/20 18:17
S19 9	2	(US-6434520-\$ or US-6185527-\$). did.	USPAT	OR	OFF	2007/06/20 18:34
S20 0	1	S199 and heuristic\$9 and similar\$7 and convert	USPAT	OR	OFF	2007/06/20 18:34
S20 1	1	S199 and heuristic\$9 and similar\$7 and convert\$6	USPAT	OR	ON	2007/06/20 18:34
S20 2	1	S199 and heuristic\$9 and similar\$7 and conver\$6	USPAT	OR	ON	2007/06/20 18:35
S20 3	1	S199 and heuristic\$9 and similar\$7 and conver\$6 and clip	USPAT	OR	ON	2007/06/20 18:35
S20 4	1	S199 and heuristic\$9 and similar\$7 and conver\$6 and clip and audio	USPAT	OR	ON	2007/06/20 18:35
S20 5	1	S199 and heuristic\$9 and similar\$7 and conver\$6 and clip and audio and voice\$4 and music\$5	USPAT	OR	ON	2007/06/20 18:36
S20 6	1	S199 and heuristic\$9 and similar\$7 and conver\$6 and clip and audio and voice\$4 and music\$5 and (plurality or multiple)	USPAT	OR	ON	2007/06/21 08:29
S20 7	2	(US-6434520-\$ or US-6185527-\$). did.	USPAT	OR	OFF	2007/06/21 08:52
S20 8	1	S207 and heuristic\$9 and similar\$7 and conver\$6 and clip and audio and voice\$4 and music\$5 and (plurality or multiple) and threshold\$5	USPAT	OR	ON	2007/06/21 08:36
S20 9	1	S207 and heuristic\$9 and similar\$7 and conver\$6 and clip and audio and voice\$4 and music\$5 and (plurality or multiple) and threshold\$5 and silen\$4	USPAT	OR	ON	2007/06/21 08:41

EAST Search History

S21 0	1	S207 and heuristic\$9 and similar\$7 and conver\$6 and clip and audio and voice\$4 and music\$5 and (plurality or multiple) and threshold\$5 and silen\$4 and energ\$4	USPAT	OR	ON	2007/06/21 08:41
S21 1	19	chorus same segment\$6 same music same audio	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/06/21 17:58
S21 2	1	(US-20050091062-\$).did.	US-PGPUB	OR	OFF	2007/06/22 11:41
S21 3	1	S212 and probabil\$8 and euclid\$7	US-PGPUB	OR	OFF	2007/06/22 11:43
S21 4	1	S212 and probabil\$8 and euclid\$7 and (normaliz\$6 with one)	US-PGPUB	OR	OFF	2007/06/22 11:43